

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	8283301	delay chang\$3 refractive adj index ((optical adj transmission adj path) or fib\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 00:15
L4	41	delay chang\$3 (refractive adj index) ((optical adj transmission adj path) or fib\$3)	US-PGPUB; USPAT	WITH	ON	2009/02/27 00:16
S1	1280	398/79.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/23 18:55
S2	815957	398/79.ccls. and multi \$mod\$2 fib\$3	US-PGPUB; USPAT	OR	ON	2009/02/23 18:57
S3	55	398/79.ccls. and multi \$mod\$2 fib\$3	US-PGPUB; USPAT	NEAR	ON	2009/02/23 18:58
S4	986	(multiplex\$4 or wdm) and (extract\$4 or de \$multiplex\$4) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:00
S5	479	(multiplex\$4 or wdm) and (extract\$4 or de \$multiplex\$4) and reflect \$5 and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:00
S6	136	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:01
S7	20	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and delay and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:01
S8	21	(multiplex\$4 or wdm or photo coupl\$5 or coupl \$5) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and delay and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:04
S9	37	(Niiho-Tsutomu\$ Masuda-Kouichi\$).in.	US-PGPUB; USPAT	OR	ON	2009/02/23 19:04
S10	131	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and (transmit\$5 or light sources) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:07

S11	124	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and (transmit\$5 or light sources) and (receiv \$5 or photo\$diod\$3 or photo\$receiv\$5 or photo \$detect\$5 orphoto\$sens \$5) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:07
S12	9	("20010013962" "20030095736" "5251001" "5894247" "5907417" "5920414" "6304350" "6323994" "6868200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:12
S13	6	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod \$3 or photo\$receiv\$5 or photo\$detect\$5 orphoto \$sens\$5)) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:17
S14	5	("5896211" "6604872" "6826368" "6826934" "6847477").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:17
S15	98	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod \$3 or photo\$receiv\$5 or photo\$detect\$5 orphoto \$sens\$5))	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:18
S16	17	("4646361" "4736464" "4807227" "5055795" "5134509" "5239401" "5267073" "5349463" "5452115" "5467212" "5504609" "5596436" "5784184" "5801858" "5896211" "6118566" "6222658").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:20
S17	48	("5784184").URPN.	USPAT	OR	ON	2009/02/23 19:21

S20	46	("4641371" "4677618" "4736120" "4807227" "4933929" "4945531" "4973953" "4989199" "5050952" "5065396" "5140456" "5157530" "5166821" "5185736" "5200964" "5257124" "5267073" "5271024" "5283686" "5295209" "5321543" "5339183" "5363229" "5455699" "5461622" "5465267" "5467212" "5483372" "5487120" "5493625" "5504609" "5532864" "5557439" "5559910" "5587830" "5608571" "5625722" "5633741" "5710650" "5715076" "5774244" "5784184" "5887039" "5938309" "6031644" "6233077").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:22
S21	25	multi\$mode and S15	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:36
S23	23	multi\$mode and ("7058311" or "5504609")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:38
S27	84	infe\$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S28	10406	inf\$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S29	9052	infin\$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S30	9019	infin\$3.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:41
S31	168	infinera.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:41
S32	11	(US-20050226616-\$ or US-20050266854-\$ or US-20050041971-\$ or US-20060088319-\$).did. or (US-7272323-\$ or US- 5896211-\$ or US- 6661973-\$ or US- 7058311-\$ or US- 6618176-\$ or US- 4807227-\$ or US- 5504609-\$).did.	US-PGPUB; USPAT	OR	ON	2009/02/23 22:15
S33	23	multi\$mode and ("7058311" or "5504609")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 22:15

S34	14	("5666447").URPN.	USPAT	OR	ON	2009/02/23 22:20
S35	25	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4) with reflect \$5) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo\$receiv\$5 or photo\$detect\$5 or photo\$sens\$5)) and multi\$mod\$2	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:22
S39	3	("5457760" "6061481" "6640024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 22:26
S41	17	("6160931").URPN.	USPAT	OR	ON	2009/02/23 22:29
S42	226	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4)) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo \$receiv\$5 or photo \$detect\$5 or photo\$sens \$5)) and multi\$mod\$2	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:30
S43	65	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4)) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo \$receiv\$5 or photo \$detect\$5 or photo\$sens \$5)) and multi\$mod\$2 and "398"/.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:31
S44	81	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4)) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo \$receiv\$5 or photo \$detect\$5 or photo\$sens \$5)) and multi\$mod\$2 (fib\$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:04

S45	47	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4)) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo \$receiv\$5 or photo \$detect\$5 orphoto\$sens \$5)) and multi\$mod\$2 (fib\$3) not S43	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:05
S46	2	"20020105704"	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:10
S49	16	("3777150" "3780295" "3980392" "4050782" "4637683" "4709413" "4732448" "4807954" "4815807" "5370643" "5699464" "5963349" "6064786" "6243508" "6304352" "6516116").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 23:12
S50	20	("4050782").URPN.	USPAT	OR	ON	2009/02/23 23:13
S54	4447	multi\$mod\$2 (fib\$4 or (optical transmi\$5))	USPAT	NEAR	ON	2009/02/23 23:25
S55	7383	multi\$mod\$2 (fib\$4 or (optical transmi\$5))	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:25
S56	81	(multiplex\$4 or wdm) and ((extract\$4 or de \$multiplex\$4)) and (plural\$4 (transmit\$5 or light sources)) and (plural\$4 (receiv\$5 or photo\$diod\$3 or photo \$receiv\$5 or photo \$detect\$5 orphoto\$sens \$5)) and multi\$mod\$2 (fib\$3) and S55	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:26
S57	122	(multi\$mod\$2 (fib\$4 or (optical transmi\$5))).ti.	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:32
S58	22	(multi\$mod\$2 (fib\$4 or (optical transmi\$5))).ti. and wdm	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:33
S60	4	("4143941" "4867519" "5321541" "6094285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 23:44
S61	49	("5659644").URPN.	USPAT	OR	ON	2009/02/23 23:45
S62	2	"6525853" and (wdm or transmi\$6 or receiv\$5 or sourc\$2 or delay\$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:00

S65	39	Multimode WDM	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:14
S66	27	Multimode with WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:17
S67	30	("4973169").URPN.	USPAT	OR	ON	2009/02/24 14:21
S68	546	Multimode and WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:48
S70	469	Multimode and sources and WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:49
S71	425	Multimode and sources and WDM and delay and receiv\$4	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:49
S73	107	Multimode and sources and WDM and delay and receiv\$4 and "398"/.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:50
S76	10	(propagation constant with high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:39
S79	129	(propagation constant and high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:43
S80	30	(propagation constant same high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:44
S81	3	S68 and S79	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:44
S82	17	Multimode and WDM and S79	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:46
S83	9	Multimode and WDM and Enhanced Multimode Fiber	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:48
S84	7	("20030012498" "3966446" "4038062" "5867616" "6131415" "6205268" "6415079"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/24 15:55
S85	2	("6839481").URPN.	USPAT	OR	ON	2009/02/24 15:55
S86	10	Multimode and WDM and (Enhanced Multimode Fiber or emf)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:56
S87	4	(propagation constant and high order mode) and S86	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:56
S88	4	(propagation constant and high order) and S86	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:57
S89	30	(propagation constant same high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:58
S90	4	Multimode and WDM and S89	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:58

S91	51	Multimode and sources and WDM and delay and receiv\$4 and ((extract\$4 or demultiplex\$4) with reflect\$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:21
S92	71	Multi\$mode and sources and WDM and delay and receiv\$4 and ((extract\$4 or demultiplex\$4) with reflect\$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:21
S93	137	Multi\$mode and sources and (WDM or multiplex \$5) and delay and receiv \$4 and ((extract\$4 or demultiplex\$4) with reflect\$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:22
S94	156	("5917625").URPN.	USPAT	OR	ON	2009/02/24 17:32
S96	86	mode processing with reflect\$5	USPAT	NEAR	ON	2009/02/24 17:41
S97	2	mode processing with reflect\$5 with (demultiplex\$4 or extract \$4)	USPAT	NEAR	ON	2009/02/24 17:41
S98	5	mode processing with reflect\$5 with (demultiplex\$4 or extract \$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:42
S99	343	reflect\$5 with (wave \$length (demultiplex\$4 or extract\$4))	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:43
S100	16	(reflect\$5 with (wave \$length (demultiplex\$4 or extract\$4))).ab.	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:43
S101	1	(reflect\$5 with (wave \$length (demultiplex\$4 or extract\$4))) with propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:01
S102	12	(reflect\$5 with (wave \$length (demultiplex\$4 or extract\$4))) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:01
S103	206	(reflect\$5 and (wave \$length (demultiplex\$4 or extract\$4))) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:09
S106	2	(reflect\$5 and (wave \$length (demultiplex\$4 or extract\$4))) and (propagation constant with high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:11

S107	86	(reflect\$5 and (wave \$length (demultiplex\$4 or extract\$4))) and (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:12
S114	7	(reflect\$5 with ((demultiplex\$4 or extract\$4))) and wave \$length\$2 with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:30
S115	64	((light or optic\$2) sours \$2 or transmi\$5) with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:36
S116	31	(reflect\$5 with ((demultiplex\$4 or extract\$4))) and S115	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:37
S117	6	((light or optic\$2) (sours \$2 or transmi\$5)) with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:38
S118	9	398/79.ccls. and (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:40
S119	9	398/79.ccls. and (propagation constant different) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:43
S120	9	398/79.ccls. and (propagation constant differ\$4) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:43
S121	25	398/79.ccls. and (propagation constant) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:44
S122	21	(multi\$mode fib\$3 or mmf) with (propagation constant)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 19:06
S123	1	"20090016724"	US-PGPUB; USPAT	NEAR	ON	2009/02/25 10:32
S124	6	circulator\$2 fiber adj brag\$grat\$4	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:41
S125	246	circulator\$2 ((fib\$2 adj brag\$grat\$4) or fbg\$1)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:41
S126	246	circulator\$2 ((fib\$3 adj bragg\$grat\$4) or fbg\$1)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:42

S127	26	circulator\$2 ((fib\$3 adj bragg\$grat\$4) or fbg\$1) (de\$multiplex\$4 or extract\$4)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:42
S131	16	circulator\$2 ((fib\$3 adj bragg\$grat\$4) or fbg\$1) (de\$multiplex\$4 or extract\$4) and propagation near constant	US-PGPUB; USPAT	AND	ON	2009/02/25 11:03
S133	3	circulator\$2 ((fib\$3 adj bragg\$grat\$4) or fbg\$1) (de\$multiplex\$4 or extract\$4) and "5754718"	US-PGPUB; USPAT	AND	ON	2009/02/25 11:21
S134	17	("5048909" "5283686" "5461685" "5499308" "5608825" "5629995" "5652814" "5706375" "5712717" "5726785" "5737104" "5748350" "5754718" "5822095" "5841918" "5852505" "5859941").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 11:21
S135	57	("5652814").URPN.	USPAT	OR	ON	2009/02/25 11:29
S139	66	(wdm or de\$multiplex\$4 or circulat\$4 or multiplex \$4 or multi\$mode or propagat\$4 or constant or reflect\$5) and "5608825"	US-PGPUB; USPAT	OR	ON	2009/02/25 11:46
S141	2	(wdm or de\$multiplex\$4 or circulat\$4 or multiplex \$4 or multi\$mode or propagat\$4 or constant or reflect\$5) and "5608825" and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/25 11:47
S142	14	(wdm or de\$multiplex\$4 or circulat\$4 or multiplex \$4 or multi\$mode or propagat\$4 or constant or reflect\$5) and "5608825" and multi \$mode	US-PGPUB; USPAT	NEAR	ON	2009/02/25 11:48

S143	4	(wdm or de\$multiplex\$4 or circulat\$4 or multiplex\$4 or multi\$mode or propagat\$4 or constant or reflect\$5 or free adj space) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:10
S144	4	(wdm or de\$multiplex\$4 or circulat\$4 or multiplex\$4 or multi\$mode or propagat\$4 or constant or reflect\$5 or free adj space or delay) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:17
S145	3	(circulat\$4 or delay) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:18
S146	106	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1))	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:20
S147	9	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1)) and propagat\$4 adj constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:22
S148	16	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1)) and multi\$mod\$2	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:28
S149	25	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1)) (multiplex or photo \$coupl\$5 or coupl\$5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:31
S150	33	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1)) (multiplex\$4 or photo\$coupl\$5 or coupl\$5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:31
S151	19	(circulat\$4 delay (grat\$4 or bragg\$grat\$4 or fbg \$1)) same (multiplex\$4 or photo\$coupl\$5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:56

S152	17	("20040109164" "20050035295" "20050238070" "20060217594" "5155785" "5259051" "5309534" "5421930" "5461475" "5680490" "5737121" "6091525" "6370422" "6452681" "6470124" "6687000" "6747795").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 13:04
S154	471	mode wavelength propagation constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:56
S155	426	mode wavelength propagation adj constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:56
S156	1768	398/79,84,87.ccls.	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:57
S157	8	S155 and S156	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:57
S158	111	mode wavelength propagation adj constant and multi\$mod\$2 fib\$2	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S159	116	mode wavelength propagation adj constant and multi\$mod\$2 fib\$3	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S160	80	mode wavelength propagation adj constant and multi\$mod\$2 adj fib \$3	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S161	81	mode wavelength propagation adj constant and ((multi\$mod\$2 adj fib\$3) or mmf)	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:08
S162	178	(wdm or multiplex\$4) (de \$multiplex\$4) multi \$mode propagat\$4 adj constant	USPAT	AND	ON	2009/02/25 17:04
S163	278	(wdm or multiplex\$4) (de \$multiplex\$4) multi \$mode (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) (transmit\$4 or sourc \$2)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:05
S164	242	(wdm or multiplex\$4) (de \$multiplex\$4) multi \$mode (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:05

S165	149	(wdm or multiplex\$4) (de \$multiplex\$4) multi \$mode (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:07
S167	45	(wdm or multiplex\$4) (de \$multiplex\$4) ((multi \$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:07
S170	58	(US-20050226616-\$ or US-20050266854-\$ or US-20050041971-\$ or US-20060088319-\$ or US-20050281505-\$ or US-20050157995-\$ or US-20020167693-\$ or US-20020015555-\$ or US-20040197048-\$ or US-20080074645-\$ or US-20060133714-\$ or US-20060066839-\$ or US-20050008295-\$ or US-20050129404-\$ or US-20060013527-\$ or US-20050259935-\$ or US-20080007733-\$ or US-20060120722-\$ or US-20060045416-\$ or US-20060029392-\$ or US-20050105902-\$ or US-20030108292-\$ or US-20020131114-\$ or US-20020089717-\$ or US-20020075537-\$ or US-20040101242-\$).did. or (US-20020071155-\$ or US-20040105675-\$ or US-20070047963-\$).did. or (US-7272323-\$ or US- 5896211-\$ or US- 6661973-\$ or US- 7058311-\$ or US- 6618176-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/25 17:24

		4807227-\$ or US- 5504609-\$ or US- 6525853-\$ or US- 7242870-\$ or US- 5278687-\$ or US- 7380993-\$ or US- 7061657-\$ or US- 6870974-\$ or US- 6587615-\$ or US- 6522794-\$ or US- 5917625-\$ or US- 5408091-\$ or US- 6226091-\$ or US- 5832148-\$ or US- 5422898-\$ or US- 5517589-\$ or US- 6559988-\$ or US- 5652814-\$ or US- 6735361-\$ or US- 5608825-\$ or US- 7206509-\$).did. or (US- 6626591-\$ or US- 5379142-\$ or US- 5099114-\$).did.				
S171	4	(wdm or multiplex\$4) (de \$multiplex\$4) ((multi \$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5))) and S170	US-PGPUB; USPAT	AND	ON	2009/02/25 17:26
S172	4	(wdm or multiplex\$4 or combin\$4) (de\$multiplex \$4 or extract\$5 or de \$combin\$5) ((multi \$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5))) and S170	US-PGPUB; USPAT	AND	ON	2009/02/25 17:27

S173	72	(wdm or multiplex\$4 or combin\$4) (de\$multiplex\$4 or extract\$5 or de\$combin\$5) ((multi\$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc\$2))) (pd or photo\$detect\$4 or photo\$diod\$2 or ((light or optic\$2) adj (receiv\$4 or detect\$4 or sens\$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:28
S174	27	(wdm or multiplex\$4 or combin\$4) (de\$multiplex\$4 or extract\$5 or de\$combin\$5) ((multi\$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc\$2))) (pd or photo\$detect\$4 or photo\$diod\$2 or ((light or optic\$2) adj (receiv\$4 or detect\$4 or sens\$5))) not S167	US-PGPUB; USPAT	AND	ON	2009/02/25 17:28
S175	2	(wdm or multiplex\$4 or combin\$4) (de\$multiplex\$4 or extract\$5 or de\$combin\$5) ((multi\$mode near1 fib\$3) or mmf) (propagat\$4 adj constant) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc\$2))) (pd or photo\$detect\$4 or photo\$diod\$2 or ((light or optic\$2) adj (receiv\$4 or detect\$4 or sens\$5))) and "5917625"	US-PGPUB; USPAT	AND	ON	2009/02/25 17:39

S178	5	(wdm or multiplex\$4 or combin\$4) (de\$multiplex \$4 or extract\$5 or de \$combin\$5) ((multi \$mode near1 fib\$3) or mmf) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5))) and ("5917625" or "5784184")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:41
S179	6	(wdm or multiplex\$4 or combin\$4) (de\$multiplex \$4 or extract\$5 or de \$combin\$5) ((multi \$mode near1 fib\$3) or mmf) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5))) and ("5917625" or "5784184" or "20020167693")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:42
S180	6	(wdm or multiplex\$4 or combin\$4) (de\$multiplex \$4 or extract\$5 or de \$combin\$5) ((multi \$mode near1 fib\$3) or mmf) (ld or laser or led or ((light or optic\$2) adj (transmit\$4 or sourc \$2))) (pd or photo \$detect\$4 or photo\$diod \$2 or ((light or optic\$2) adj (receiv\$4 or detect \$4 or sens\$5))) and ("5917625" or "5784184" or "20020167693" or "20020110318")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:46
S181	8	((multi\$mode near1 fib \$3) or mmf) and ("5917625" or "5784184" or "20020167693" or "20020110318")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:47

S182	9	((multi\$mode near1 fib \$3) or mmf smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:59
S183	73	((multi\$mode near1 fib \$3) or mmf or emm or single adj mode or smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048")	US-PGPUB; USPAT	AND	ON	2009/02/25 18:00
S184	5	((multi\$mode near1 fib \$3) or mmf or emm or single adj mode or smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048").pn.	US-PGPUB; USPAT	AND	ON	2009/02/25 18:01
S185	59	(US-20050226616-\$ or US-20050266854-\$ or US-20050041971-\$ or US-20060088319-\$ or US-20050281505-\$ or US-20050157995-\$ or US-20020167693-\$ or US-20020015555-\$ or US-20040197048-\$ or US-20080074645-\$ or US-20060133714-\$ or US-20060066839-\$ or US-20050008295-\$ or US-20050129404-\$ or US-20060013527-\$ or US-20050259935-\$ or US-20080007733-\$ or US-20060120722-\$ or US-20060045416-\$ or US-20060029392-\$ or US-20050105902-\$ or US-20030108292-\$ or US-20020131114-\$ or US-20020089717-\$ or US-20020075537-\$ or US-20040101242-\$).did. or (US-20020071155-\$ or US-20040105675-\$ or US-20070047963-\$ or US-20070160323-\$).did. or (US-7272323-\$ or US-5896211-\$ or US-6661973-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/25 21:55

		7058311-\$ or US- 6618176-\$ or US- 4807227-\$ or US- 5504609-\$ or US- 6525853-\$ or US- 7242870-\$ or US- 5278687-\$ or US- 7380993-\$ or US- 7061657-\$ or US- 6870974-\$ or US- 6587615-\$ or US- 6522794-\$ or US- 5917625-\$ or US- 5408091-\$ or US- 6226091-\$ or US- 5832148-\$ or US- 5422898-\$ or US- 5517589-\$ or US- 6559988-\$ or US- 5652814-\$ or US- 6735361-\$ or US- 5608825-\$ or US- 7206509-\$).did. or (US- 6626591-\$ or US- 5379142-\$ or US- 5099114-\$).did.				
S186	59	(multi\$mod\$2 or mmf or emmm or multi\$mod\$2 fib\$3) and S185	US-PGPUB; USPAT	OR	ON	2009/02/25 21:56
S187	28	(multi\$mod\$2 or mmf or emmm or multi\$mod\$2 adj fib\$3) and S185	US-PGPUB; USPAT	OR	ON	2009/02/25 21:56
S188	8	("5379142").URPN.	USPAT	OR	ON	2009/02/25 22:40
S189	1	"6525853" and single mode	USPAT	NEAR	ON	2009/02/25 23:19
S190	45	multi\$mode single mode cut\$off	USPAT	WITH	ON	2009/02/25 23:27
S191	2	multi\$mode single adj mode cut\$off frequenc \$3	USPAT	WITH	ON	2009/02/25 23:27
S192	3	multi\$mode single adj mode cut\$off adj frequenc\$3	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:29
S193	93	multi\$mode single adj mode cut\$off	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:34
S194	4	multi\$mode single adj mode cut\$off freq\$5	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:34
S195	5	(multi\$mode and single adj mode) with (multimode optical transmission)	US-PGPUB; USPAT	NEAR	ON	2009/02/25 23:40

S196	144	wdm multiplex\$4 and wdm demultiple\$4 and (multi\$mod\$2 or mmf or multi\$mode fib\$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:05
S197	4	Method for Mode Separation Imaging and Detection of the Distinct Spatial Modes of a Multimode Optical Fiber or Multimode Optical Cavity	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:06
S199	4	(Method for Mode Separation Imaging and Detection of the Distinct Spatial Modes of a Multimode Optical Fiber or Multimode Optical Cavity) and (mmf or multi\$mod\$2 or multi \$mod\$2 fib\$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:07
S200	60	(US-20050226616-\$ or US-20050266854-\$ or US-20050041971-\$ or US-20060088319-\$ or US-20050281505-\$ or US-20050157995-\$ or US-20020167693-\$ or US-20020015555-\$ or US-20040197048-\$ or US-20080074645-\$ or US-20060133714-\$ or US-20060066839-\$ or US-20050008295-\$ or US-20050129404-\$ or US-20060013527-\$ or US-20050259935-\$ or US-20080007733-\$ or US-20060120722-\$ or US-20060045416-\$ or US-20060029392-\$ or US-20050105902-\$ or US-20030108292-\$ or US-20020131114-\$ or US-20020089717-\$ or US-20020075537-\$ or US-20040101242-\$).did. or (US-20020071155-\$ or US-20040105675-\$ or US-20070047963-\$ or US-20070160323-\$ or US-20020109926-\$).did. or (US-7272323-\$ or US- 5896211-\$ or US- 6661973-\$ or US- 7058311-\$ or US- 6618176-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/26 15:28

		4807227-\$ or US- 5504609-\$ or US- 6525853-\$ or US- 7242870-\$ or US- 5278687-\$ or US- 7380993-\$ or US- 7061657-\$ or US- 6870974-\$ or US- 6587615-\$ or US- 6522794-\$ or US- 5917625-\$ or US- 5408091-\$ or US- 6226091-\$ or US- 5832148-\$ or US- 5422898-\$ or US- 5517589-\$ or US- 6559988-\$ or US- 5652814-\$ or US- 6735361-\$ or US- 5608825-\$ or US- 7206509-\$).did. or (US- 6626591-\$ or US- 5379142-\$ or US- 5099114-\$).did.				
S201	24	multiplex\$4 and demultiplex\$4 and (multi\$mod\$2 or mmf or multi\$mode fib\$3) and S200	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:29
S202	8	("5379142").URPN.	USPAT	OR	ON	2009/02/26 16:10
S203	3	("5379142") and (multi\$mod\$2 or mmf)	USPAT	OR	ON	2009/02/26 16:11
S210	57900	(multi\$mod\$2 fib\$3 or mmf).ti.	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S211	3057	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S212	921	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm and demultiplex\$4	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S213	727	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm and demultiplex\$4 and sources	US-PGPUB; USPAT	OR	ON	2009/02/26 16:16
S214	312	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm and demultiplex\$4 and sources and (grat\$4 or bragg\$grat\$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:16
S215	223	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm and demultiplex\$4 and (light or optic\$2) near1 sources and (grat\$4 or bragg\$grat\$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:17

S216	162	(multi\$mod\$2 fib\$3 or mmf).ti. and wdm and demultiplex\$4 and (light or optic\$2) near1 sources and (grat\$4 or bragg\$grat\$4) and (light or optic\$2) near1 (receiv \$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:17
S217	1	(multi\$mod\$2 near1 fib \$3 or mmf).ti. and wdm and demultiplex\$4 and (light or optic\$2) near1 sources and (grat\$4 or bragg\$grat\$4) and (light or optic\$2) near1 (receiv \$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:18
S218	5	("5867258").URPN.	USPAT	OR	ON	2009/02/26 16:18
S219	11	(multi\$mod\$2 or mmf). ti. and wdm and demultiplex\$4 and (light or optic\$2) near1 sources and (grat\$4 or bragg\$grat\$4) and (light or optic\$2) near1 (receiv \$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:19
S220	16	(2004/0105675 "5,608,825" 2006/0013527 "6,525,853") and delay	US-PGPUB; USPAT	OR	ON	2009/02/26 16:35
S221	1387	wdm and demultiple\$4 and (multi\$mod\$2 or mmf or multi\$mode fib \$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 16:41
S222	1085	wdm and demultiple\$4 and (multi\$mod\$2 or mmf or multi\$mode fib \$3) and (laser\$2 or ld or led or ((light or optical) near1 (sourc\$2 or transmit\$4 or generat \$4))) and (pd or photo \$diod\$2 or photo\$detect \$4 or (electrical near1 optical) or (light or optical) near1 (sens\$5 or receiv\$4 or detect\$4))	US-PGPUB; USPAT	NEAR	ON	2009/02/26 16:46
S230	16036	(bragg\$grat\$4 or grat \$4) with fib\$3	US-PGPUB; USPAT	NEAR	ON	2009/02/26 17:38
S231	58	(bragg\$grat\$4 or grat \$4) with fib\$3 with delay with (multiplex\$4 or combin\$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 17:38

S232	11	("20020122169" "20030043697" "4588957" "4738527" "5121240" "5210807" "5414548" "5574534" "5583516" "6323991" "6681065").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 17:51
S235	5	("6626591").URPN.	USPAT	OR	ON	2009/02/26 17:54
S236	4	("7212747" or "7460829" or "7440432" or "7439485").pn.	USPAT	OR	ON	2009/02/26 17:59
S241	37	(Niiho-Tsutomu\$ Masuda-Kouichi\$).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 18:05
S242	3	(Niiho-Tsutomu\$ Masuda-Kouichi\$).in. and (multi\$mod\$2 or mmf)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 18:06

2/27/2009 1:00:26 AM

C:\Documents and Settings\hstambovsky\My Documents\EAST\Workspaces\10585320.wsp